University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 1

Date: February 4, 2025

Group Number: 56

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Nicholas Huang	54394416	n0t1v	nhuangra@gmail.com
Louis Luo	97525331	j4m1n	louisjyluo@gmail.com
Perry Huang	70184767	v7l9t	perryhp2012@gmail.com

By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

No AI tools have been used during the creation of this milestone.

Project Description

    a.   What is the domain of the application? Describe it.

This application is for a restaurant test kitchen. It helps with menu development for restaurants. The domain is contained within the entirety of the kitchen plus the suppliers. The application also contains the recipes for each menu item which are provided by the chefs.

    b.   What aspects of the domain are modeled by the database?

We have chefs who develop recipes which take ingredients, and those ingredients will all be supplied by suppliers. Each recipe requires equipment to be made into menu items. The recipes are used by the chefs and they make menu items, and those menu items are either foods or drinks. Each menu item can also be a part of a combo, or have add-ons such as fries or drinks.

Database specifications

    a.   What functionality will the database provide?

People using this database will be able to look up all the menu items that have been created. They will have access to all the necessary information to put together a menu, such as the kind of food or beverage, the price, and possible combos and add-ons. They will also be able to look up all the necessary information to create those menu items, such as the recipe, the required equipment, the ingredients, and the suppliers of those ingredients. Finally, they will be able to look up the chefs who created each recipe as well as which menu items they make and recommend. All of these features will allow anyone to easily put together a complete menu.

ER Diagram